CElabs®

HX100M
4K HDMI Extender

Commercial-Grade

One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.

Commercial-Grade

With durable construction and ultra-sleek design, CE Labs extenders are perfect for any project that requires 24/7 performance.

CE PROLink™

CE Labs PROLink™ Series creates a fully connected PROAV ecosystem. Easily connect, control, and manage your entire network.

3 Year Warranty

CE Labs products are built for professionals. All products come with a 3-year warranty and superior customer support.

PRODUCT OVERVIEW

The HX100M is a commercial-grade 1080p HDBaseT HDMI Extender kit. It supports 1080p at 100 meters (328 ft). With an ultra-compact and rugged chassis, the HX100M is ideal for professional environments that require 24/7 performance.

The CE Pro-link™ of HDMI extender kits are the latest generation of reliable HDBaseT extenders for HD/4K/UHD AV signals. The CE PROLink™ series includes HD and UHD models with a variety of powering and extension distance options. Perfect for AV professionals that demand the most cost effective and installation-friendly features.

FEATURES

Compact Design and rugged steel chassis

Most cost Effective HDBaseT solution

75% lower power consumption

SPECIFICATIONS   MODEL: HX100M

FEATURES

Uses only one Cat5e/6/7 cable

Transmission range up to 100M by CAT5e/6/6a/7

3D ready and 4K2K capable

Uses HDBaseT technology

Uncompressed HD video up to 1080p@60Hz@48bits, 4K/30 capable

HDMI and HDCP Compliance

RoHs, CE, FCC Compliant

Cat Cable 5e/6/6a/7 Distance: Min. 10 ft (3M) - Max. 328 ft (100M)

HDMI Cable Type A Distance: Min. 2 ft - Max. 16 ft

Max. Data Rate 10.2 Gb/s

Audio Tramission Full pass-through

VIDEO

HDMI 1.4

HDCP compliance

Maximum Resolution: 480i/p, 720p, 1080i/P @ 24/50/60Hz, 4K/30

Max. Distance: 100M @ 4K/30(CAT6)

AUDIO

Audio support up to LPCM7.1, Dolby TrueHD, DTS-HD MA

Audio transmission full pass-through

POWER

Wall transformaer: 5VDC/ 2A, 2.5 mm connector

TX Max current: 420mA Power: 0.8-2.5 W

RX Max current: 950mA Power: 1-5 W

I/O PORTS

Transmitter/Receiver HDMI type A

RJ45 Data Connector

2.5mm X 5.5mm female connector Power jack

LED Indicators: Pwr On = Green, Link = Blue

RJ45 Define: Video Link (TIA/EIA-568-B)

1. Orange-White: DATA 0 +	5. Blue-White: DATA 2 –
2. Orange: DATA 0 –	6. Green: DATA 1 –
3. Green-White: DATA 1 +	7. Brown-White: DATA 3 +
4. Blue: DATA 2 +	8. Brown: DATA 3 –

ACCESSORIES

2 Power wall adapters

Set of 4 Plastic Drywall Anchors

Product Manual

MISCELLANEOUS

Transmitter Dims.: (H) 1" x (W) 1.9" x (D) 3.6" | Weight 4.8oz.

Receiver Dims.: (H) 1" x (W) 1.9" x (D) 3.6" | Weight 4.8oz.

Operating Temp & Humidity 0-55C, up to 95% Max Rel. Humidity

Rugged (Industrial) Powder Coated Steel Chassis

WARRANTY: *3 year warranty, parts and labor.

328 ft
CAT5e/6/6a/7
Cable

HDMI source

HDMI output

HDMI display

HDMI input

HDMI IN   HX100M-T

transmiter

receiver

HDMI OUT   HX100M-R

Learn more about CE Labs at www.celabs.com.

CE labs®